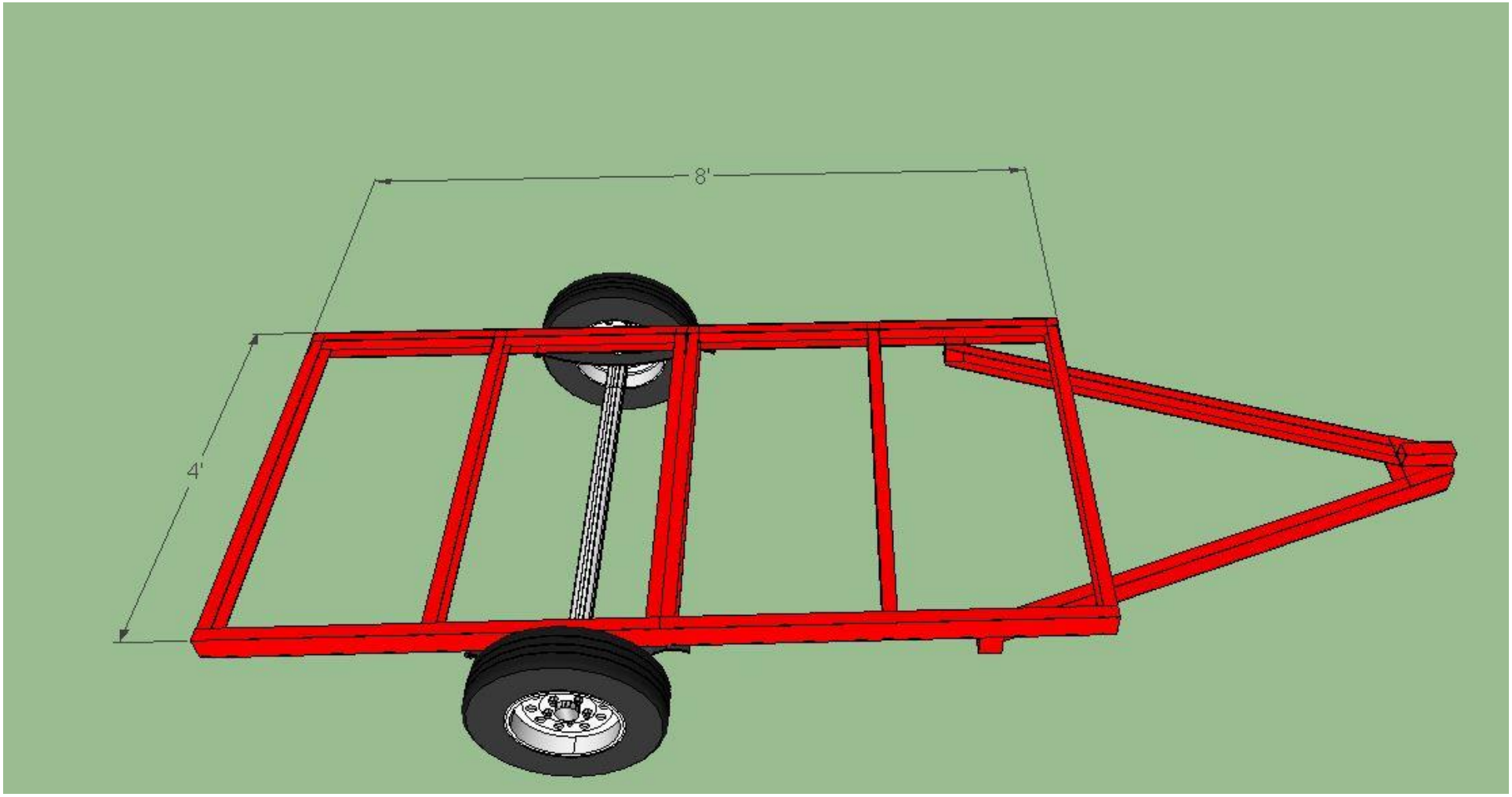
# Portable Market Stand Plans

By LaMar Alexander

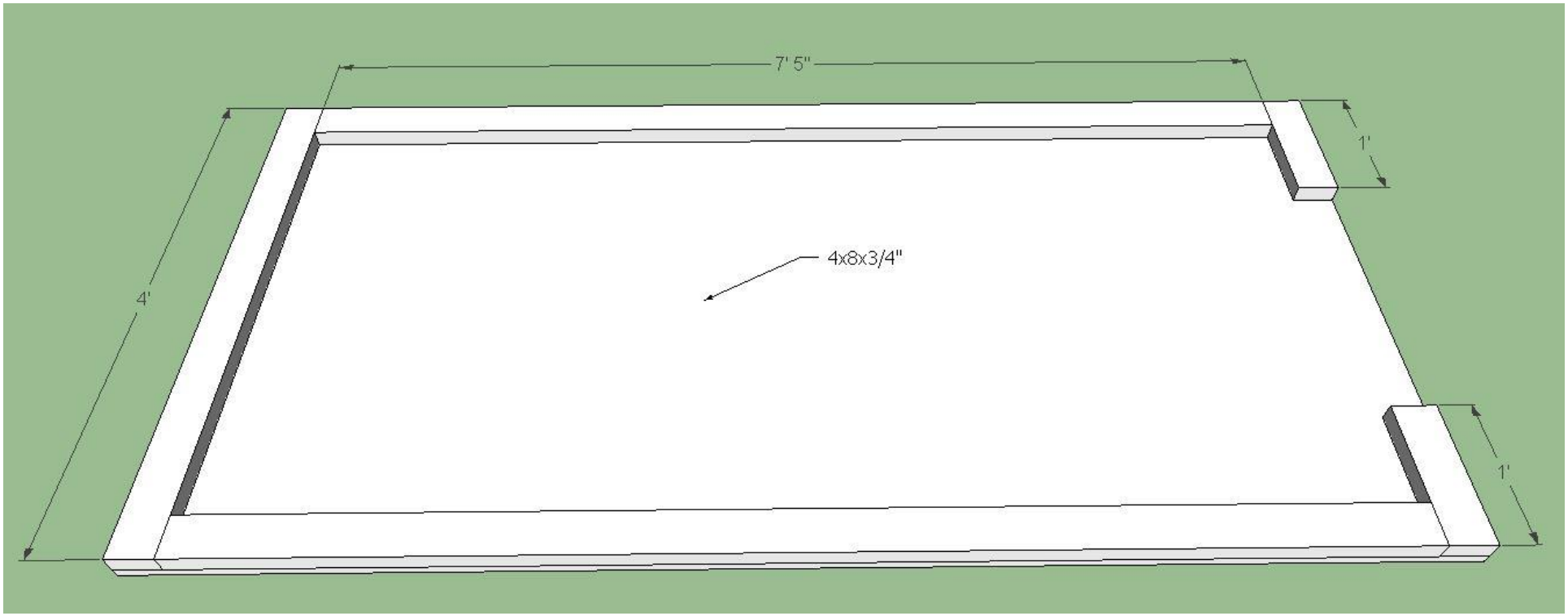
These are plans for a portable market stand that can be used for selling produce or other items at farmer's markets. Flea markets, or as a roadside or concession stand. The trailer is a 4x8 and is available from Harbor Freight or you can find them used. Make sure the trailer is road worthy with working lights, fenders and is solidly put together. If the trailer has any rust sand it off and re-prime with good rust control paint. Remove the fenders to make building easier. These will be reattached later.



Step 1: Attach the floor to the floor plate.

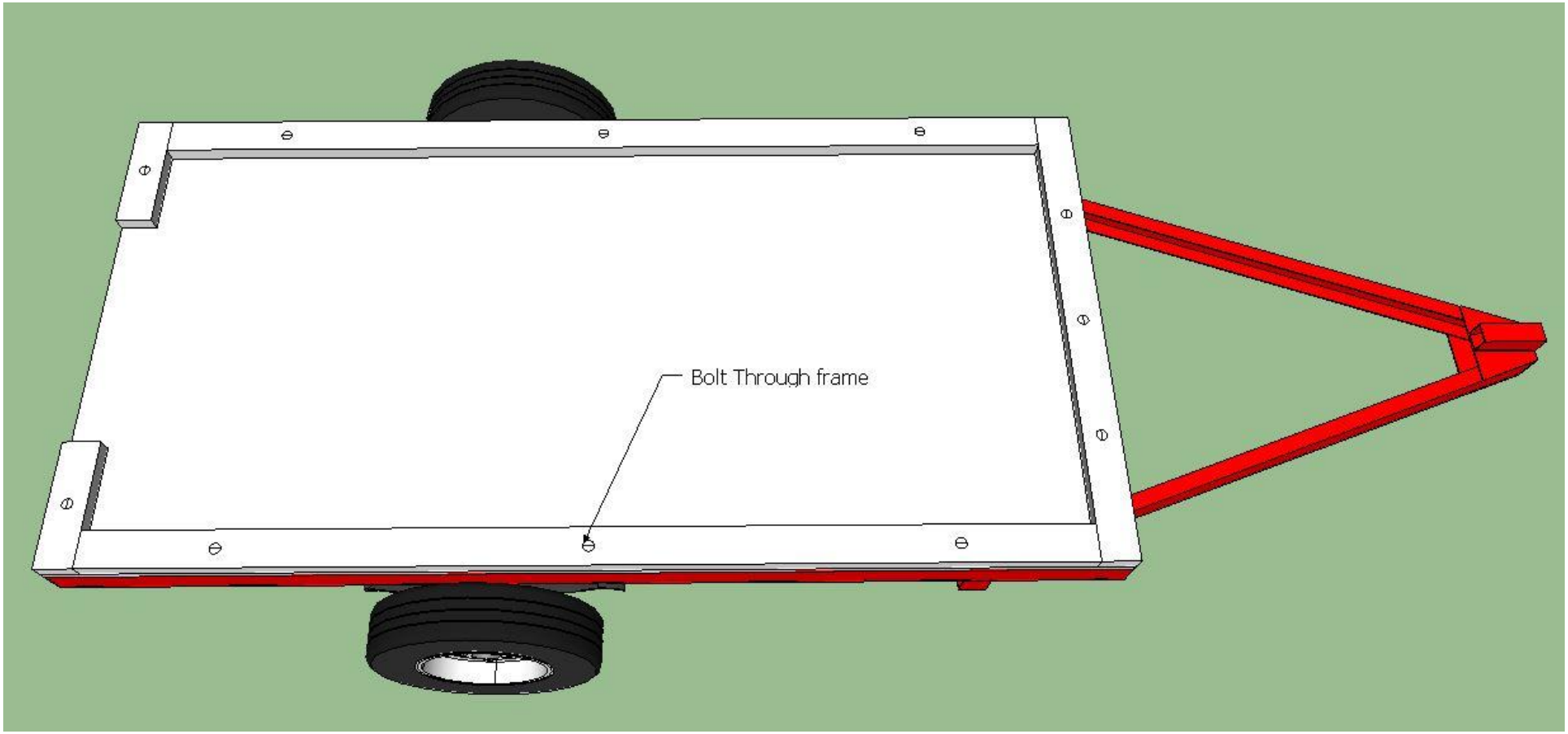
The floor sheathing is 4x8 ¾” exterior grade plywood or similar.

Attach the floor plate to the floor sheathing with screws and construction cement before attaching the floor to the trailer. Apply construction adhesive to the floor and plates and screw through the plywood into the floor and into the floor plates from the bottom.



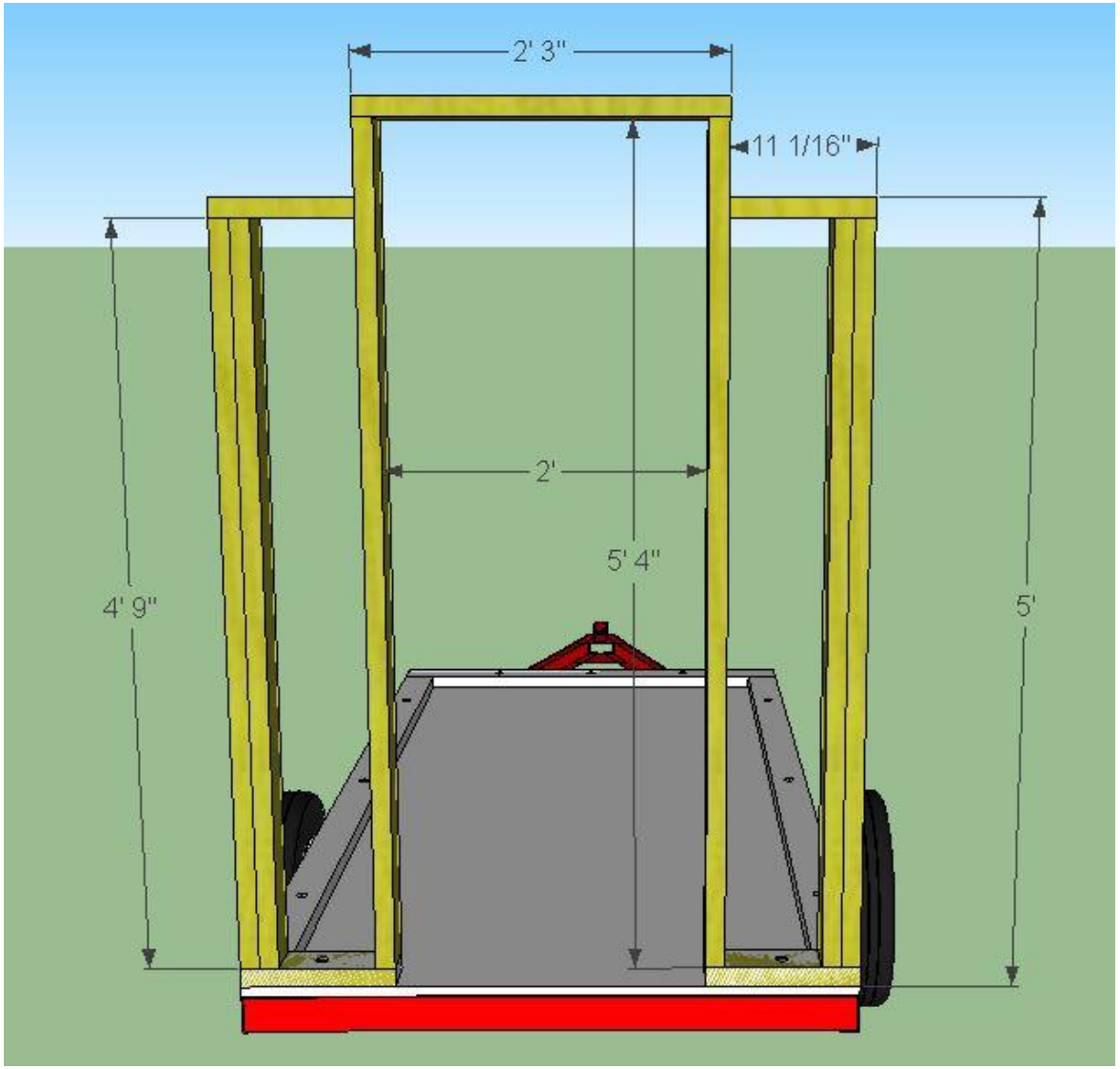
Step 2: Bolt the flooring to the trailer frame.

Most trailers come with bolt holes for attaching flooring. You will need to drill through the floor and plate and use good heavy duty bolts and lock washers to attach the flooring. At least 3 bolts per side is recommended.



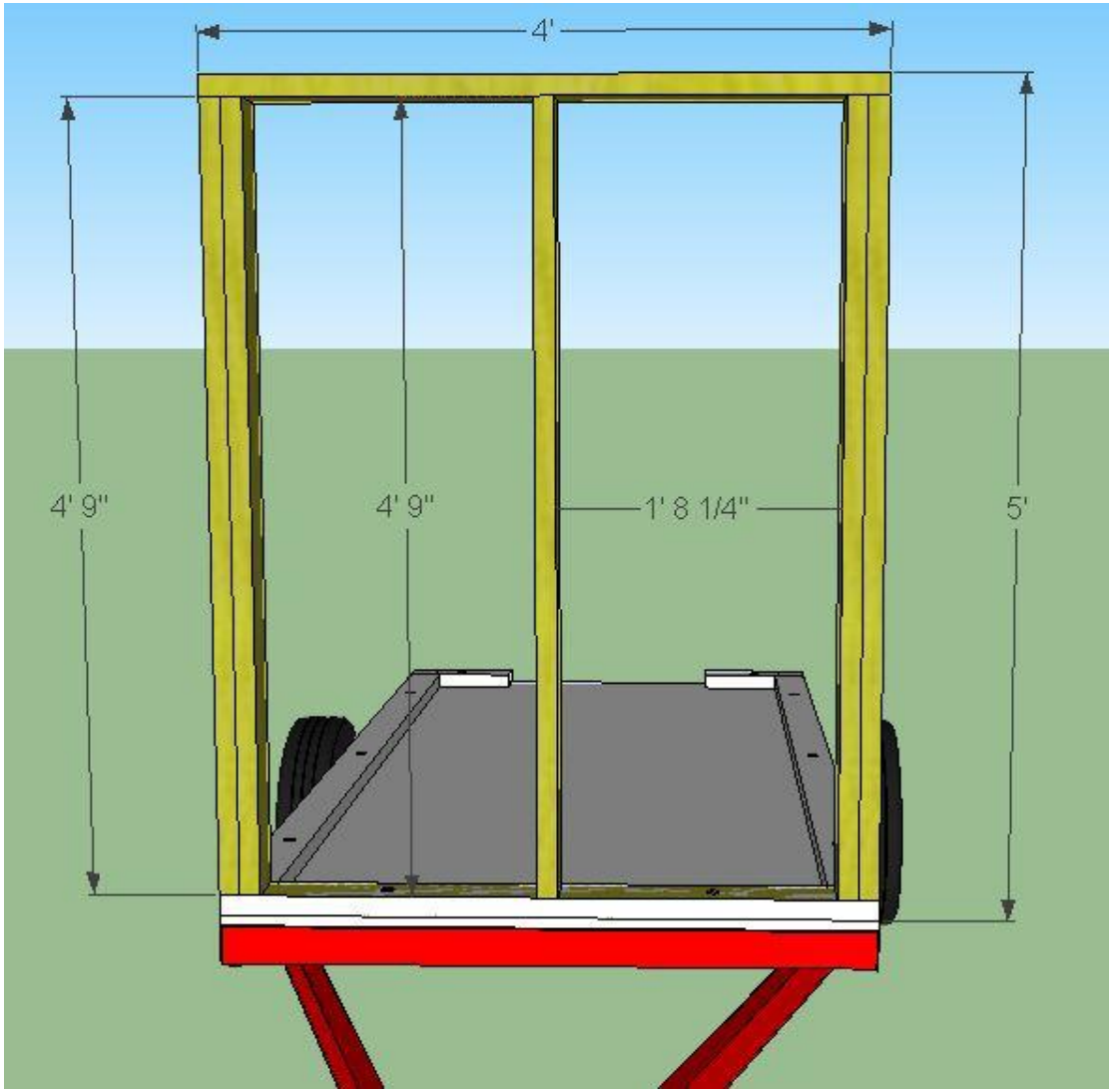
Step 3: Build the door end wall.

The framing is 2x4 lumber. Toe-nail the wall studs to the floor plates. Use construction adhesive and good screws on all joints.



Step 4: Build the front wall.

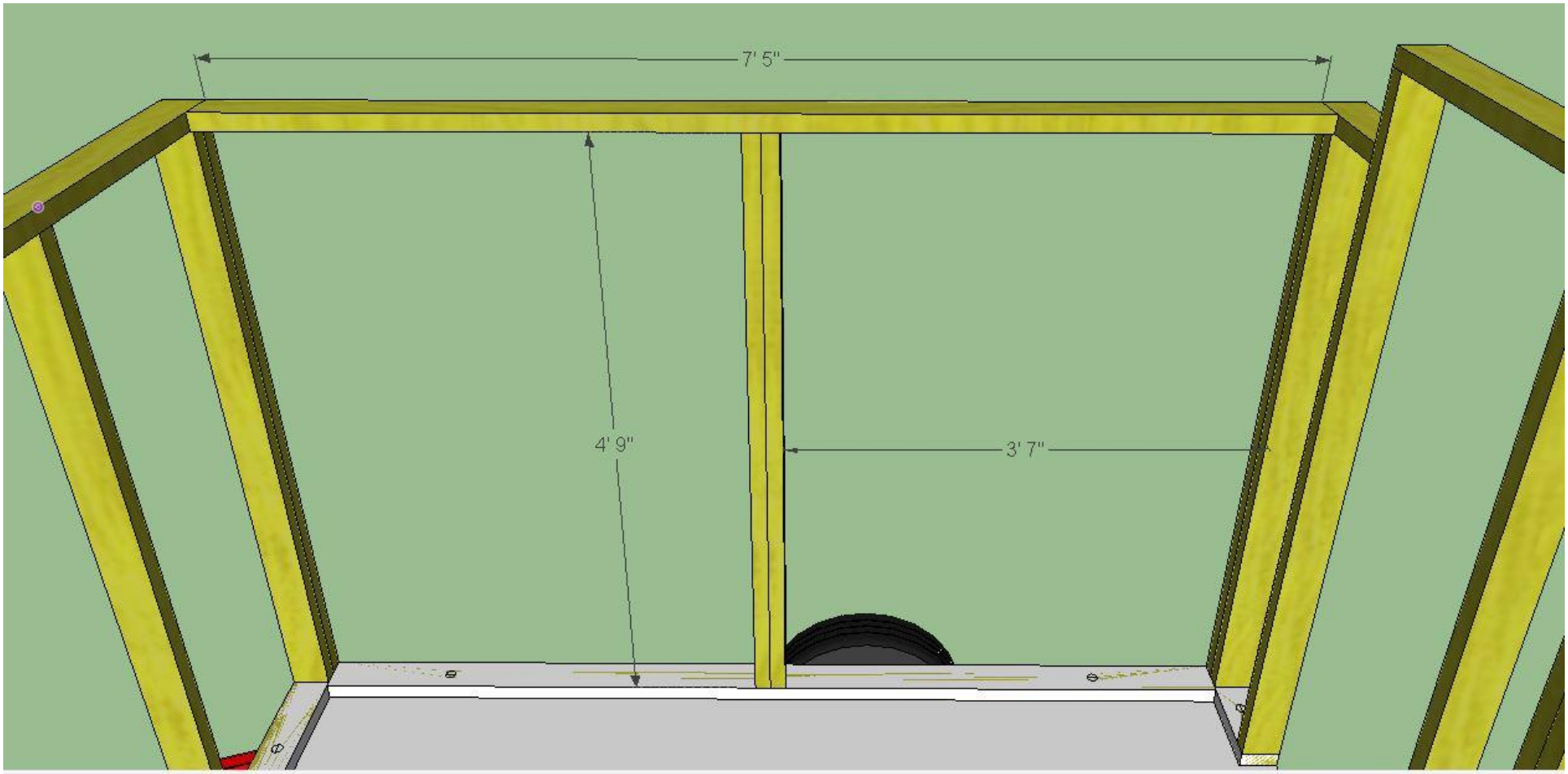
Toe-nail the wall studs to the floor plates and use construction adhesive and screws on all joints.



Step 5: Build the side walls.

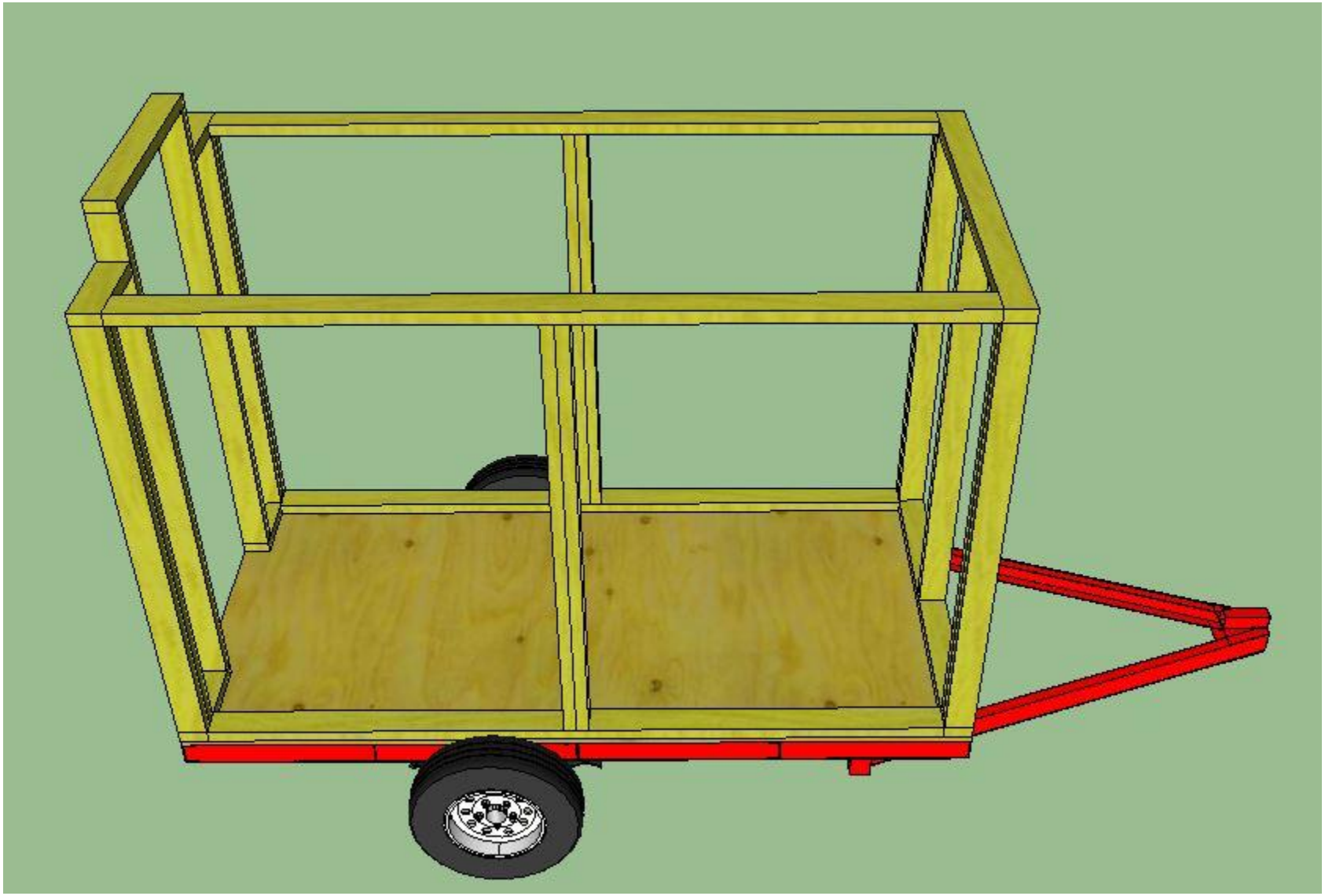
Both walls are identical so follow this step for both side wall constructions. Toe-nail studs to the floor plates.

Use construction adhesive and screws on all joints.



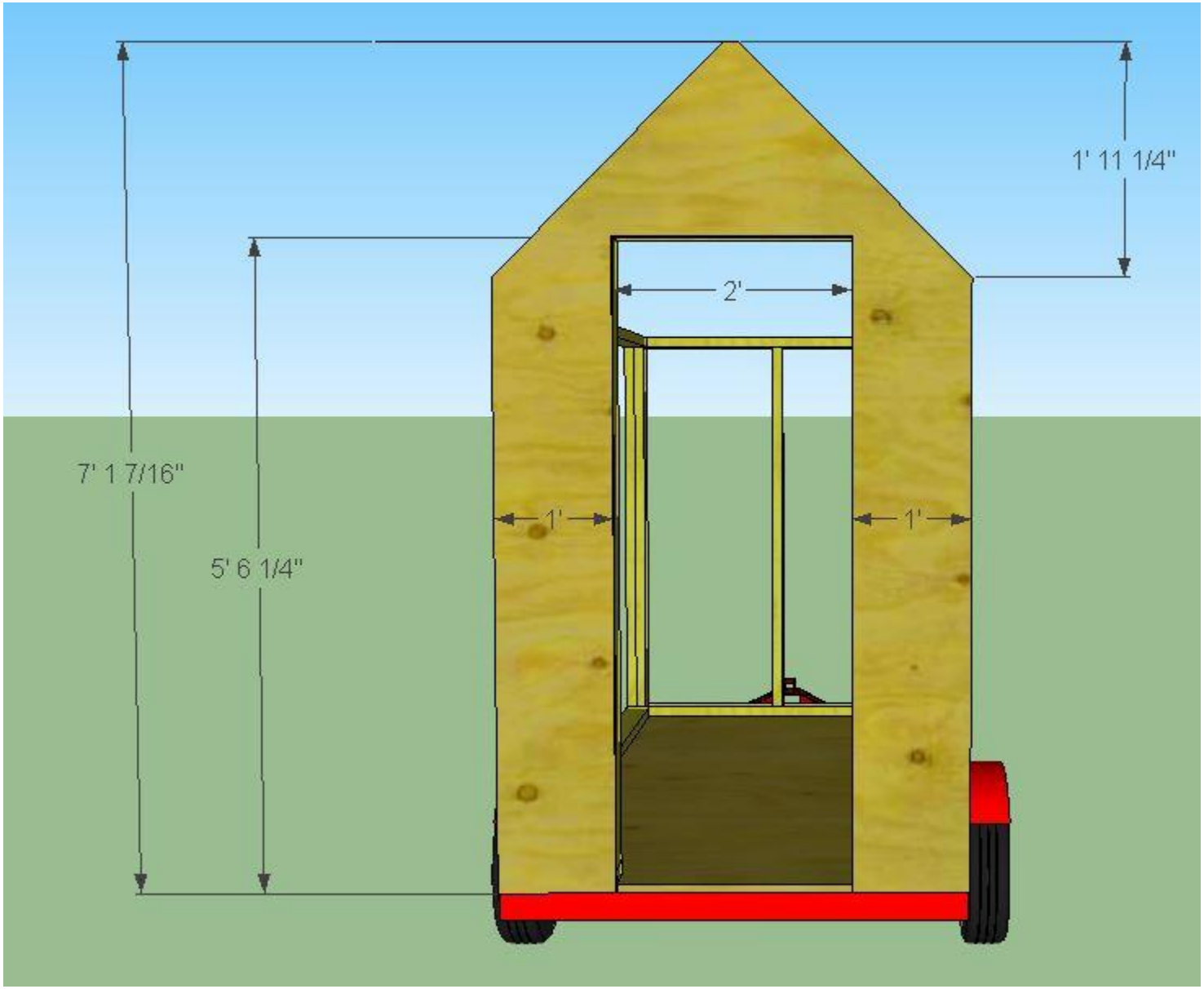
Trailer framing completed.

Your trailer should now look like this.

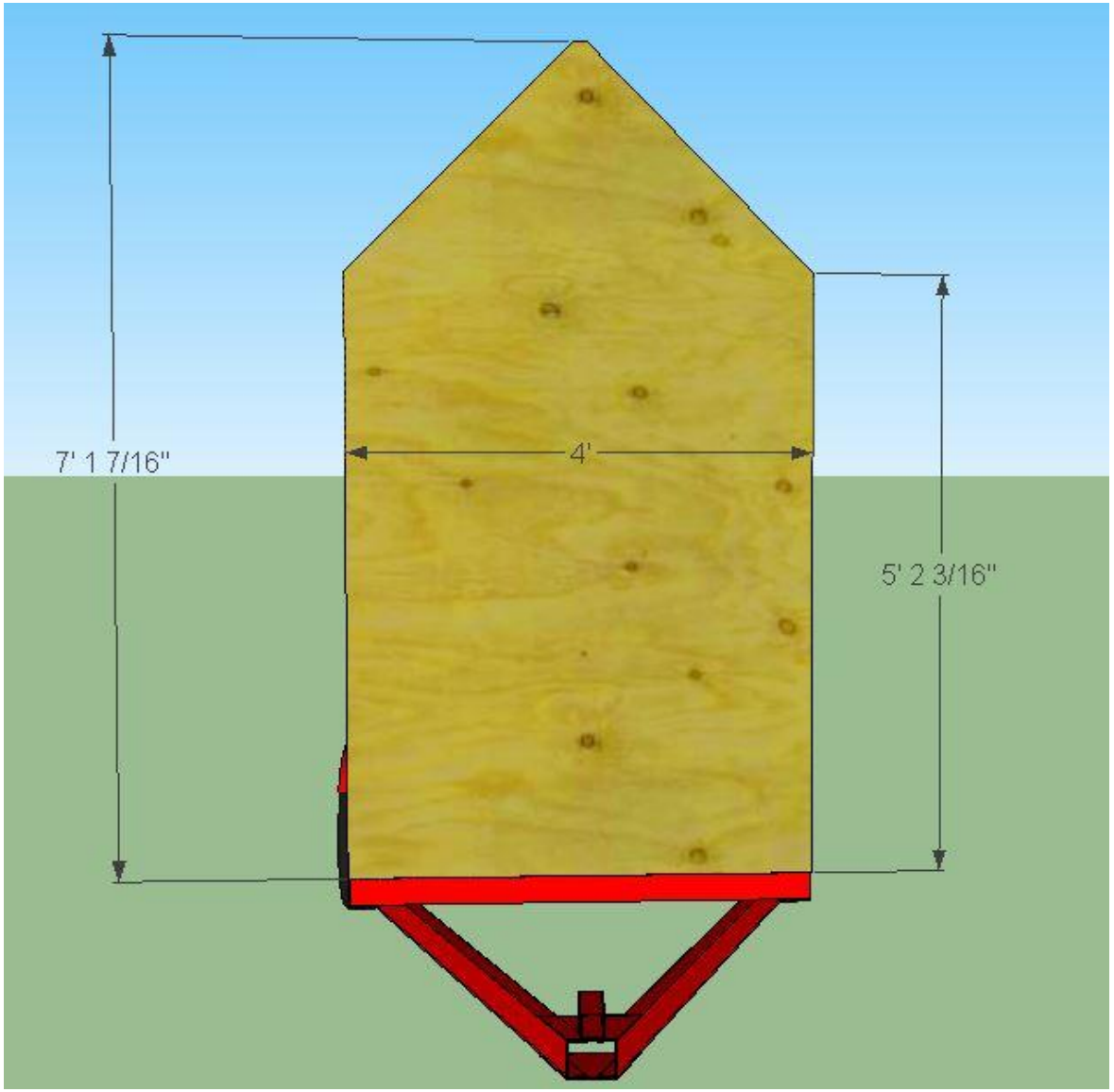


Step 6: Sheath the door wall.

Sheathing is ½ inch exterior grade plywood or similar. Use screws and construction adhesive on all joints.

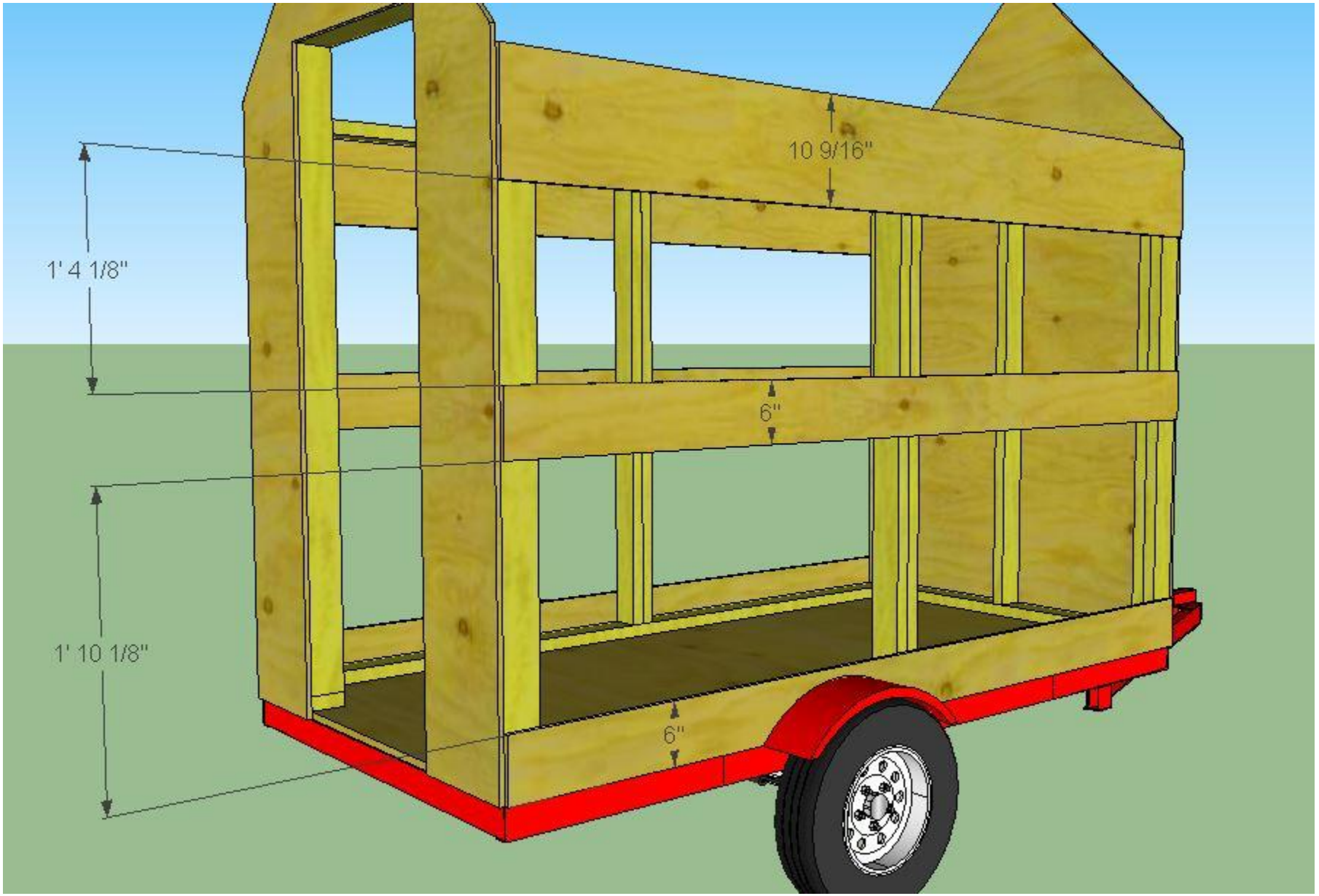


Step 7: Sheath the rear wall. Use construction adhesive and screws on all joints.



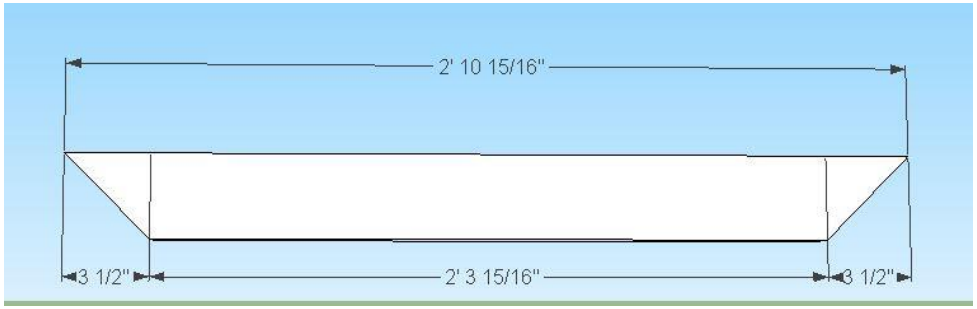
Step 8: Sheath the side walls.

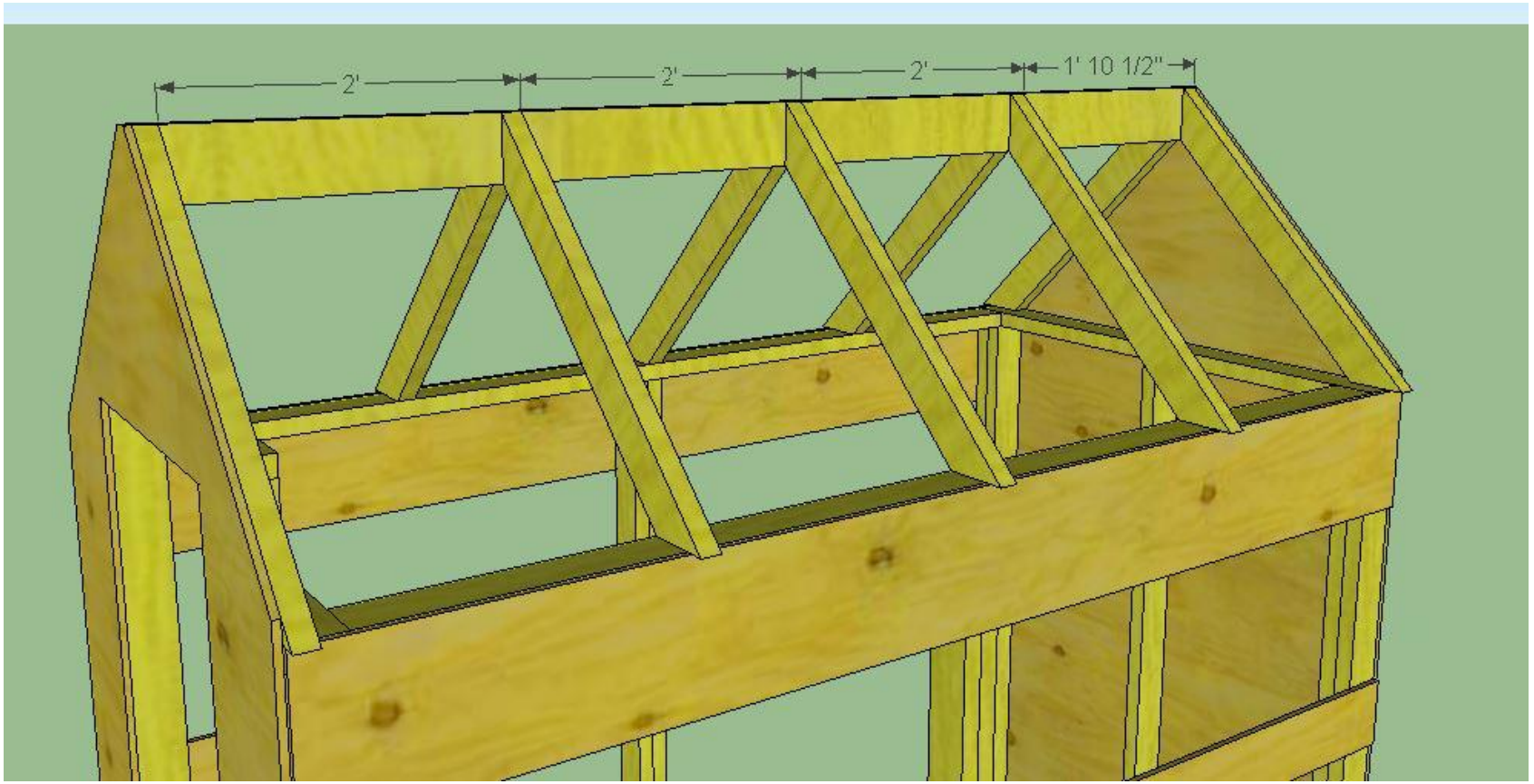
Both side walls are identical. Use construction adhesive and screws on all joints.



Step 9: Build the roof frame.

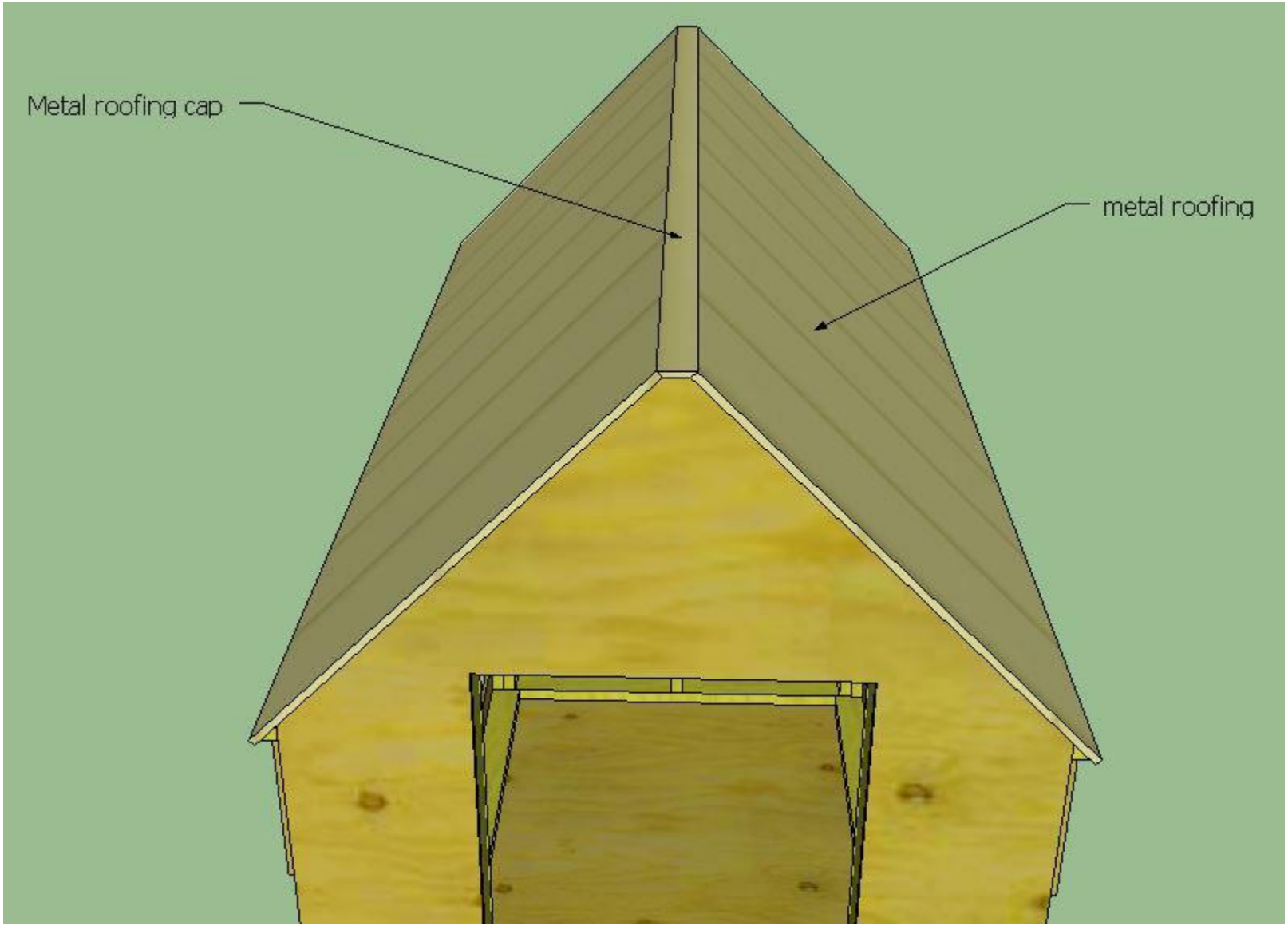
Roof framing is 2x4 lumber. Use construction adhesive and screws on all joints. Toe-nail the rafters to the wall top plate.



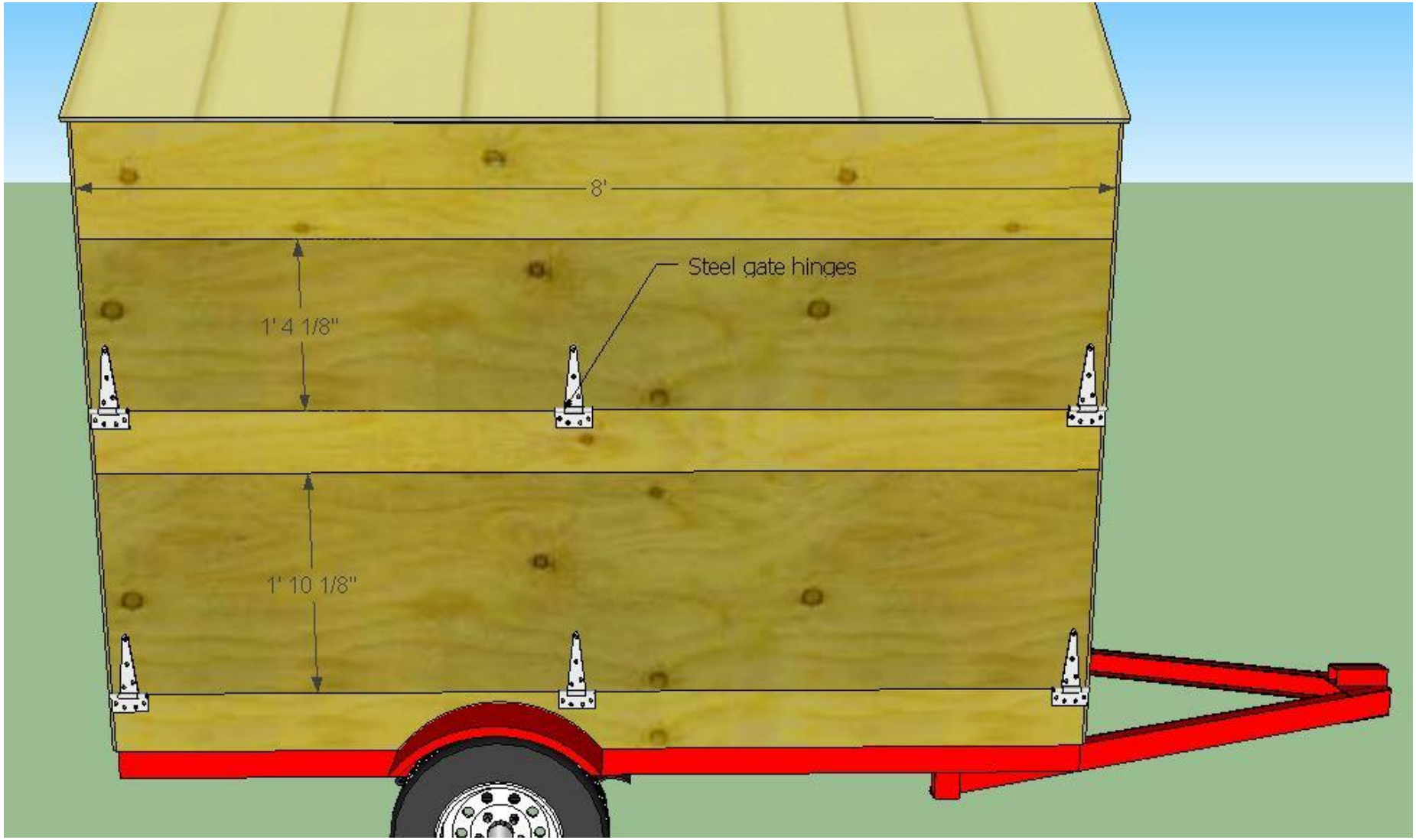
Step 10: Attach the roofing material.

Sheet metal or corrugated metal roofing is recommended. Overlap the ends ½ inch. Use metal roofing screws with washers.



Step 11:  build the drop down shelves.

The shelves are supported with steel gate hinges and attached with screws to the wall studs. Use small bolts, washers and nuts to attach the hinges to the shelf. Bolts go through from the inside. You may need to score the wall framing where the bolts hit so the shelf sits flat in the opening.



Step 12: Attach the shelf lip and support cables.

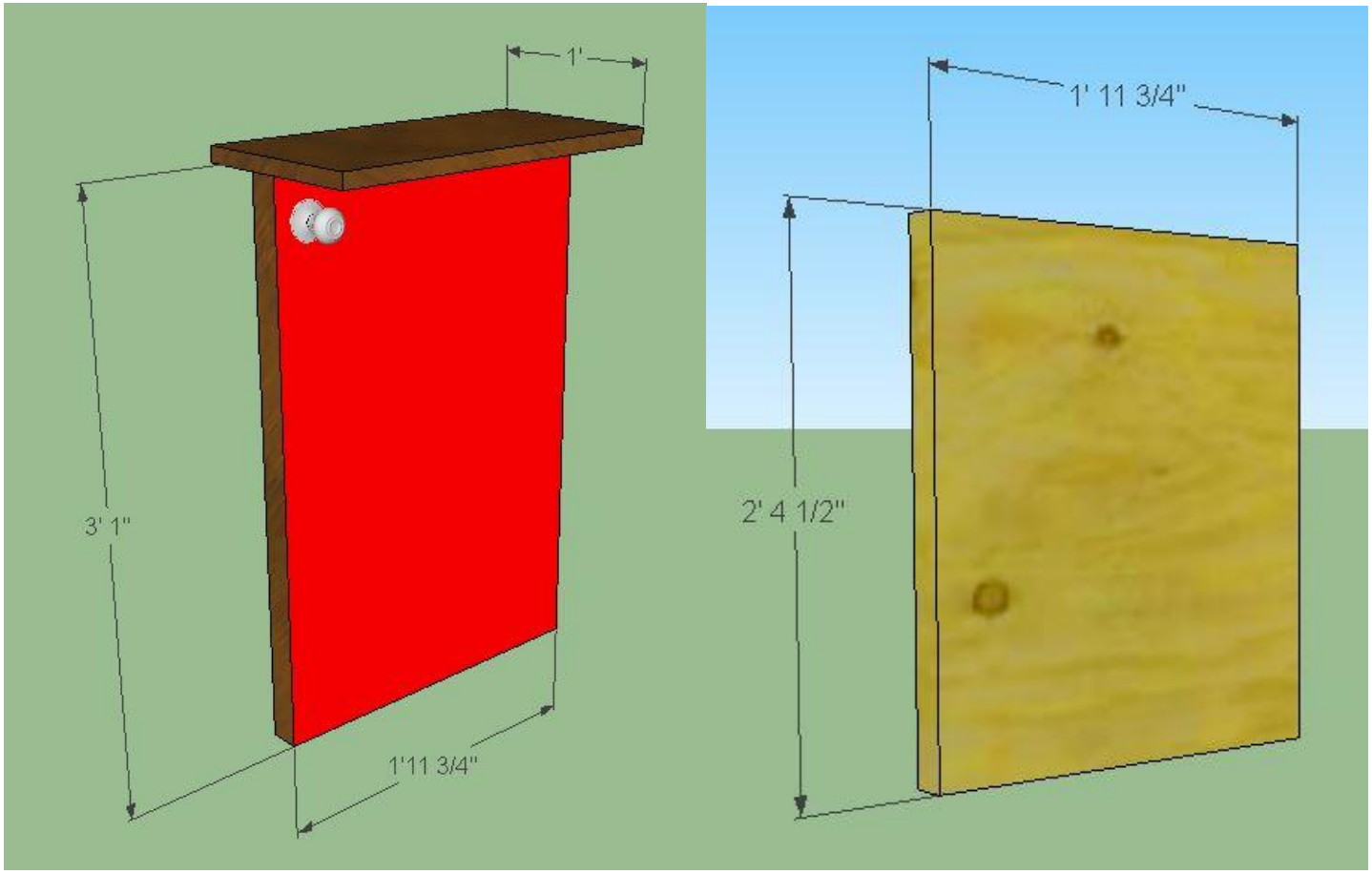
Attach a 2x2 lip to the top shelves to prevent boxes from sliding off. You will need to make sure these lips do not hit the wall studs when closed.

Use construction adhesive and screws on all joints.

Each shelf is supported by an eye hook and cables that run from the inside of the wall frame through the opening and attaches to an eye hook on the corner of the shelf. One cable and eye hook on each corner of the shelf. You will need to measure and cut the cable to fit the angle you want for your shelves. It is not possible to show this using Sketchup sorry.

Step 12: Building the Dutch door.

You don’t have to use a Dutch or split door if you don’t want but they make using the door as your transaction counter very nice. You can find salvage wood doors that would work for this or make your own. Standard inset door hinges on each panel. Two hinges per panel.



Step 13: Attach your fenders and lights.

All states require fenders and lights on a trailer so make sure your trailer is legal for your state. You are ready to roll!